



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/781,467 | 02/17/2004 | Kevin J. Ash | TUC920030154US1 | 1774 |

35825 7590 01/31/2006

LAW OFFICE OF DAN SHIFRIN, PC - IBM
14081 WEST 59TH AVENUE
ARVADA, CO 80004

EXAMINER

MOAZZAMI, NASSER G

ART UNIT PAPER NUMBER

2187

DATE MAILED: 01/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/781,467

Applicant(s)

ASH ET AL.

Examiner

Nasser G. Moazzami

Art Unit

2187

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 02/17/2004.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. Information Disclosure Statement submitted by applicant on 02/17/2004 has been considered by examiner. See attached PTO-1449.

Claim Objections

2. Claims 1-17 are objected to because of the following informalities:

Claim 1

Line 7, "LNB1" has been introduced for the first time and needs to be written out.

Line 13, "SNB1" has been introduced for the first time and needs to be written out.

Line 24, "LNB2" has been introduced for the first time and needs to be written out.

Line 32, "SNB2" has been introduced for the first time and needs to be written out.

Claim 2

Line 7, "LNB3" has been introduced for the first time and needs to be written out.

Line 11, "SNB3" has been introduced for the first time and needs to be written out.

Claim 5

Line 14, "LNB1" has been introduced for the first time and needs to be written out.

Line 18, "SNB1" has been introduced for the first time and needs to be written out.

Line 27, "LNB2" has been introduced for the first time and needs to be written out.

Line 31, "SNB2" has been introduced for the first time and needs to be written out.

Art Unit: 2187

Claim 6

Line 8, "LNB3" has been introduced for the first time and needs to be written out.

Line 12, "SNB3" has been introduced for the first time and needs to be written out.

Claim 10

Line 17, "LNB1" has been introduced for the first time and needs to be written out.

Line 23, "SNB1" has been introduced for the first time and needs to be written out.

Line 33, "LNB2" has been introduced for the first time and needs to be written out.

Line 37, "SNB2" has been introduced for the first time and needs to be written out.

Claim 11

Line 8, "LNB3" has been introduced for the first time and needs to be written out.

Line 12, "SNB3" has been introduced for the first time and needs to be written out.

Claim 14

Line 7, "LNB1" has been introduced for the first time and needs to be written out.

Line 13, "SNB1" has been introduced for the first time and needs to be written out.

Line 24, "LNB2" has been introduced for the first time and needs to be written out.

Line 28, "SNB2" has been introduced for the first time and needs to be written out.

Claim 15

Line 8, "LNB3" has been introduced for the first time and needs to be written out.

Line 12, "SNB3" has been introduced for the first time and needs to be written out.

Claims 3-4, 7-9, 12-13, and 16-17 are objected as being upon objected claims.

Appropriate correction is required.

Allowable Subject Matter


3. Claims 1-17 are objected to under minor informalities, but would be allowable if rewritten to overcome the objections set forth in this office action.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nasser G. Moazzami whose telephone number is (571) 272-4195. The examiner can normally be reached on 7:00AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Sparks can be reached on (571) 272-4201. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


NASSER MOAZZAMI
PRIMARY EXAMINER
01/24/2006